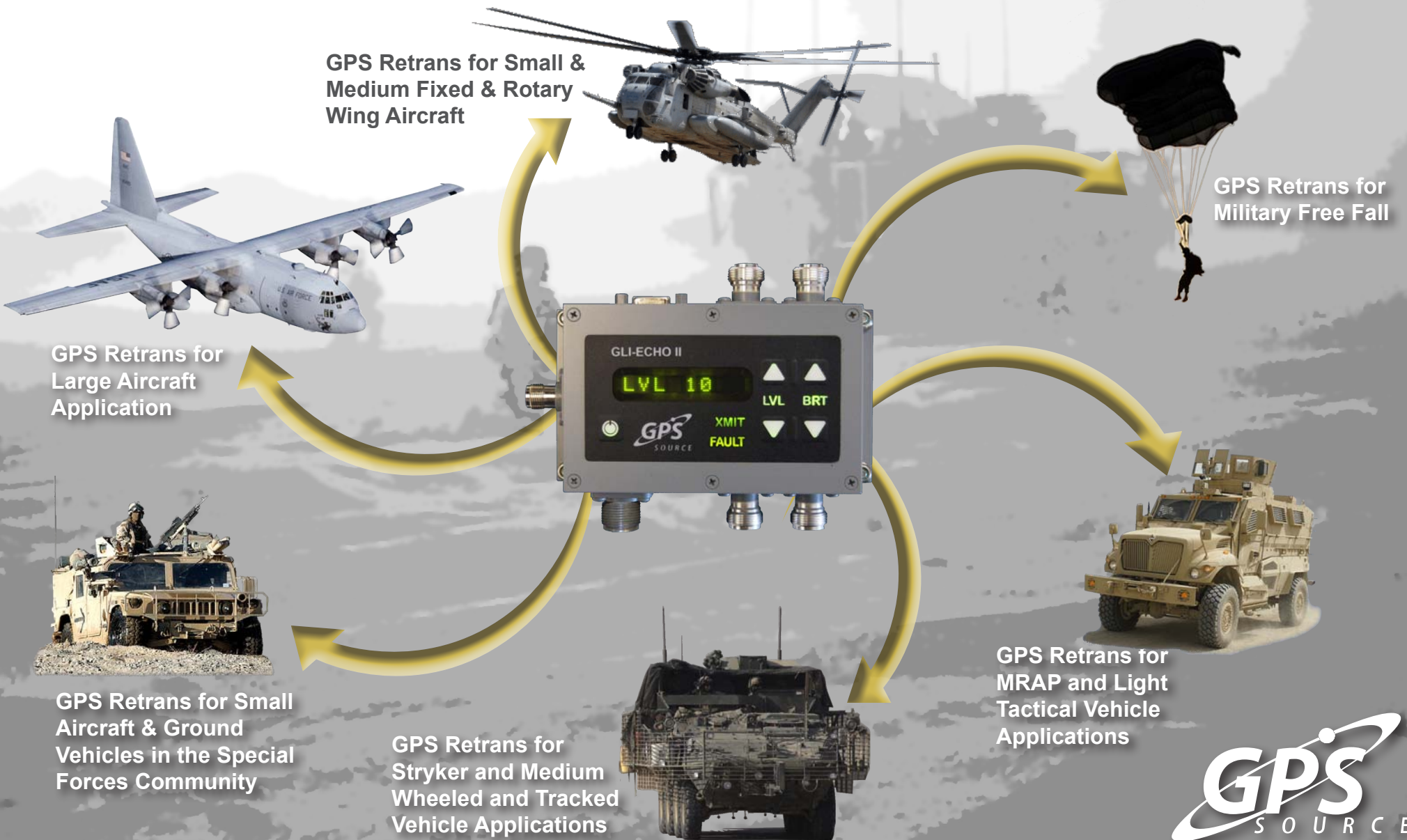


# GLI-ECHO II - GPS Retransmission

Next Generation Primary System LRU for GPS Retransmission

Provides Connected & Wireless GPS Signal Live Inside **ANY** Military Vehicle



GPS LIVE INSIDE

# GLI-ECHO II

## LRU Specifications

### Repeater Amplifier Specifications

Operating Frequencies	L1 (1574.42MHz) Bandwidth +/- 15 MHz L2 (1227.60MHz) Bandwidth +/- 15 MHz
Operating Gain	15dB - 56dB (Nominal 33dB)
SWR	2:1
Input/ Output Impedance	50 Ω
Noise Figure	< 3dB
RF Power	- 80dBm to -60dBm (Adjustable Output Range 20dB)

### Mechanical Data

Weight	1.4 lbs
Size	5.875" x 4.48"
Mounting	All Mounting Hardware
Connectors Options (Multiple)	Designed to MIL-STD-801
Power Options (Multiple)	12/28V Vehicle; BA5590 series

### Electrical (DC)

Input Power Options	12VDC Operating Input Voltage Range: 8V - 33V 28VC Operating Input Voltage Range: 12V-33V
Output Power Supply Through J1 (Input Port of GLI Echo II)	Output Voltage: 6.8V Load Current Range: 2-70 mA Current Limit (max current): 128 mA

### Environmental

Operating Temp	-40°C to +71°C
Humidity	95%
Vibration	per MIL-STD-810 method 514.6
Peak Shock	75 g's
Sand and Dust	62.78°C/22 hrs (MIL-STD-810)

## The Smart GPS Repeater

Next Generation Primary System LRU for GPS  
Retransmission - Provides Wireless or Wired Signal to All  
GPS Enabled Sub-Systems

- Based on State of the Art Technology Developed for Permanent GPS Retransmission in the Boeing C-17
- Supports Options Not Available in Any Other Repeater
- Outperforms Retransmission Systems Costing Several Thousand Dollars More
- Precisely Controlled and User Adjustable Output Signal Strength
- Expandable - Single Input, Four Output
- NVG Compatible
- Automatic Oscillation Detection
- BIT and Fault Isolation
- Available as a Roll On/Roll off or Permanent Install

### Meets Military Specs:

MIL-STD-1472, MIL-STD-810, MIL-STD-461,  
MIL-DTL-5541, MIL-STD-704 or MIL-STD-1275

## Contact Us

### Head Office

64 Mission Drive  
Pueblo, CO 81007  
T: +1 719 561 9520  
F: +1 719 565 0890  
E: sales@gpssource.com  
W: www.gpssource.com

### Military Sales

T: +1 719 565-8589  
E: bpaul@gpssource.com

AS9100 & ISO 9001:2008 Certified

Veteran Owned

Small Business

CCR Registered

CAGE: 1RTJ5

DUNS: 883995677

NAICS: 334220, 334290, 334511,  
541330, 541690



**gps LIVE INSIDE**

www.gpssource.com